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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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10-29-2021

## 2021-10-29\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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*Cumulative Michigan COVID-19 Data*. 489.

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Coronavirus

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Coronavirus  
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Cumulative  
Recovered

Outbreak  
Reporting

School-Related  
Outbreak  
Reporting

Wastewater  
Surveillance

Testing  
Turnaround  
Time

MIS-C Data  
and Reporting

Data and  
Modeling  
Updates

COVID case and testing data will be posted three times a week on Mondays, Wednesdays and Fridays.

Note on cases (10/29/2021): Today's daily case count represents new referrals of confirmed cases to the MDSS since the last web update report. Over the two days (Thursday and Friday), the average number of new confirmed cases is 4039 per day.

Note on deaths (10/29/2021): Regular reviews of death certificate data maintained in Vital Records reporting systems are conducted by MDHHS staff three times per week. As a part of this process, records that identify COVID-19 infection as a contributing factor to death are compared against all laboratory confirmed cases of COVID-19 in the Michigan Disease Surveillance System (MDSS). If a death certificate is matched to a confirmed COVID-19 case and that record in the MDSS does not indicate the individual died, the MDSS record is updated to indicate the death and the appropriate local health department is notified. These matched deaths are then included with mortality information posted to the Michigan Coronavirus website. As a result of the most recent assessment, today's data includes **64** deaths identified by this methodology.

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday, Wednesday & Friday. **Looking for COVID-19 Vaccine data? Click here.**

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

Cases by County

54-1169

1170-4210

4211-15042

15043-146941

146942+

Michigan

Friday, October 29, 2021

Current Totals

TestType	Tests Performed
Diagnostic	17,417,863
Serology	718,963
Total	18,136,826

Microsoft Power BI

< 1 of 7 >

https://www.michigan.gov/coronavirus/0,9753,7-406-98163\_98173---,00.html

1/2

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Confirmed Deceased Cases by Ethnicity
Hispanic/Latino	5.14%	3.24%
Non-Hispanic/Latino	70.63%	88.61%
Unknown	24.24%	8.15%

Totals may not add to 100% due to rounding

Cases by Arab Ethnicity

Arab Ethnicity	Percentage of Confirmed Cases by Ethnicity	Percentage of Deceased Confirmed Cases by Ethnicity
Arab	2.58%	1.65%
Non-Arab	48.82%	53.05%
Unknown	48.59%	45.30%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 10/29/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

COVID-19 Tests by County

Diagnostic Tests by Result and County



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Cumulative Total of Recovered COVID-19 Cases

Cumulative Total of Recovered COVID-19 Cases (as of 10/22/2021): 982,288

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on October 22, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to September 22, 2021. If an individual expires from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Monday.

Source: Michigan Disease Surveillance System and Vital Records

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



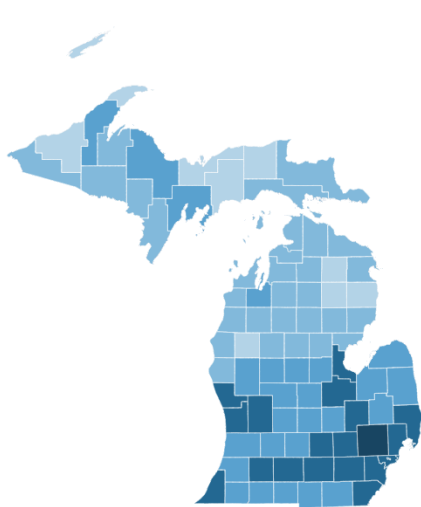
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Cases by County

Confirmed cases include individuals with a positive NAAT/RT-PCR test for COVID-19. Probable cases include individuals with either a positive rapid antigen detection test OR COVID-19 symptoms and an epidemiologic link to a confirmed COVID-19 case, but no diagnostic test.

### Cases by County



## Michigan

Friday, October 29, 2021

### Michigan (Statewide) Case Fatality Rate

2.0%

### Current Totals

Case Status	Cases	Deaths
Confirmed	1,128,435	22,182
Probable	146,668	1,480
<b>Total</b>	<b>1,275,103</b>	<b>23,662</b>

### Laboratory Testing

TestType	Tests Performed
Diagnostic	17,417,863
Serology	718,963
<b>Total</b>	<b>18,136,826</b>

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

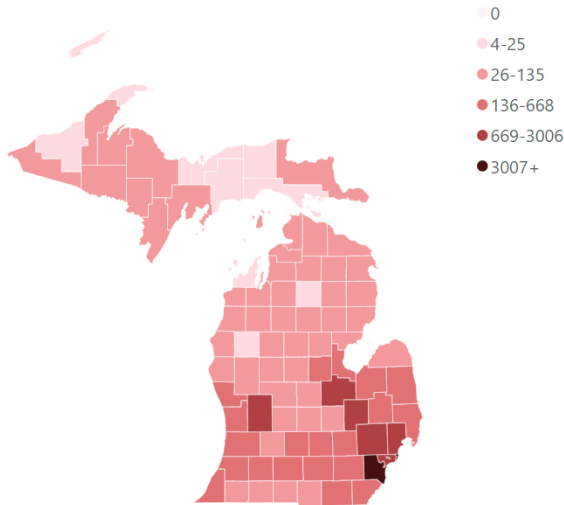
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID-19 indicated on their death certificate where there is no available evidence of a confirmatory test result (positive or negative).

### Deaths by County



## Michigan

Friday, October 29, 2021

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2.0%

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Cases

Deaths

View Table

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms.

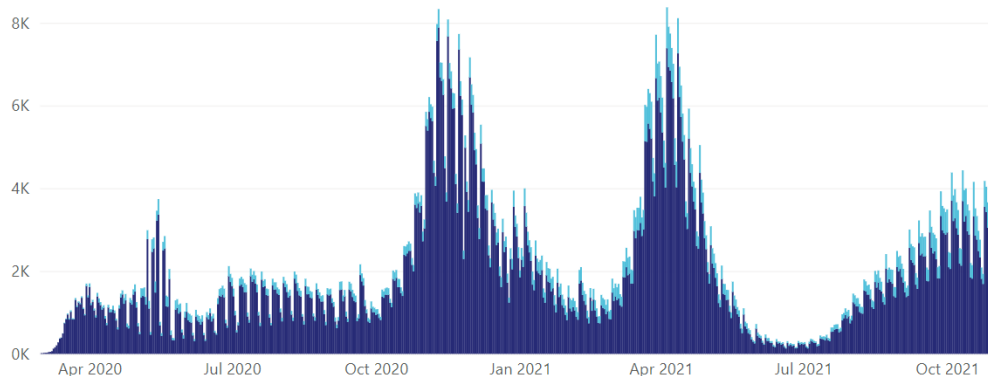
Filter by Date:

3/1/2020

10/29/2021

### Cases by Date of Onset

CASE\_STATUS ● Confirmed ● Probable



Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

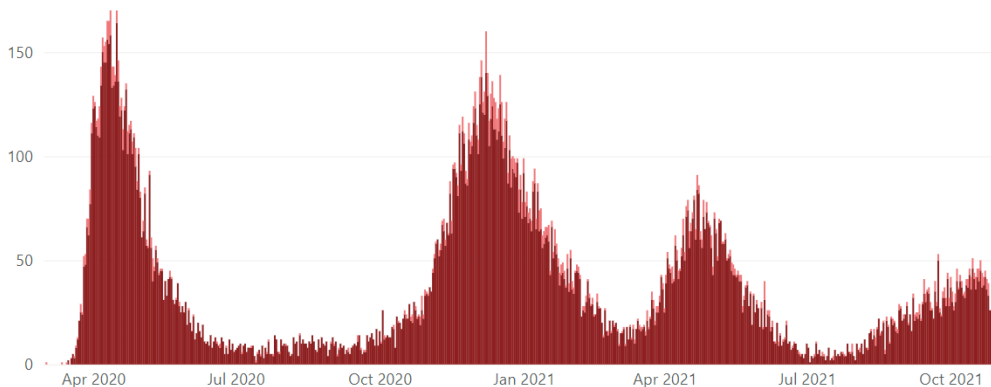
Filter by Date:

3/1/2020

10/29/2021

## Deaths by Date of Death

CASE\_STATUS ● Confirmed ● Probable





STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY  
TESTING

LEARN MORE

View Table

View Chart

Select Preparedness Region:

All



Select County:

All



Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive NAAT/RT-PCR test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection AND are either classified as deceased during the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of onset and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

10/29/2021

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Cumulative Cases ● Cumulative Deaths

1.2M

1.0M

0.8M

0.6M

0.4M

0.2M

0.0M

Apr 2020

Jul 2020

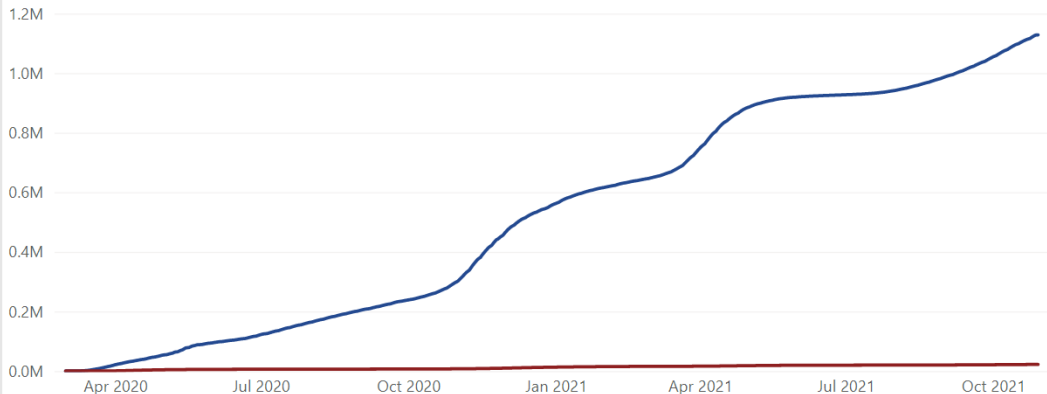
Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021





## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

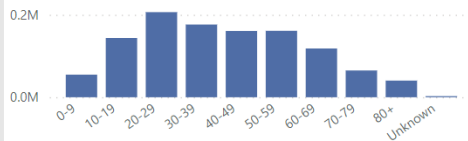
Select Preparedness Region:

All

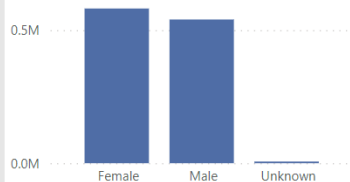
Select county:

All

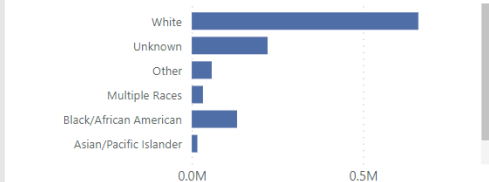
### Cases by Age Group



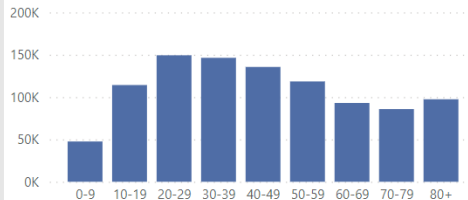
### Cases by Sex



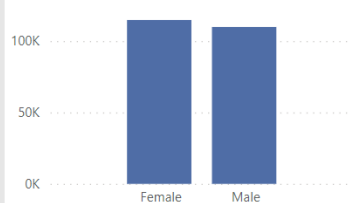
### Cases by Race



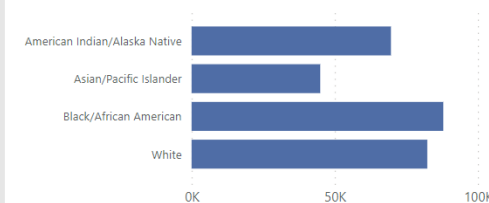
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

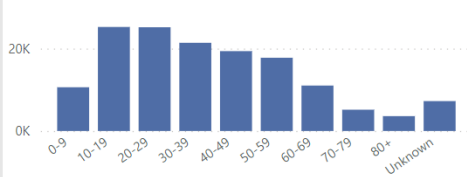
Select Preparedness Region:

All

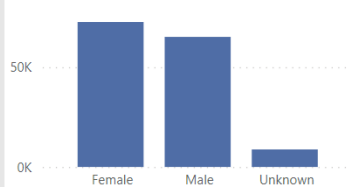
Select county:

All

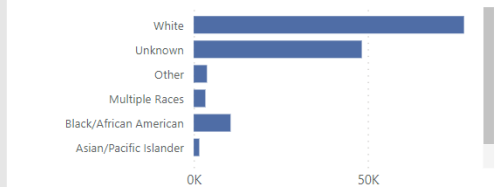
### Cases by Age Group



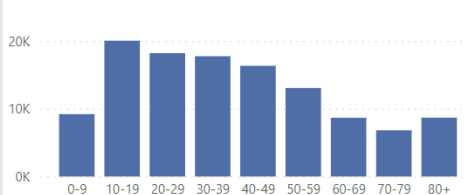
### Cases by Sex



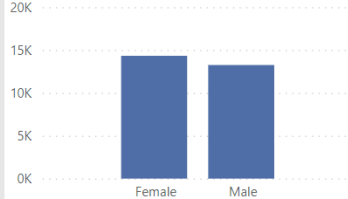
### Cases by Race



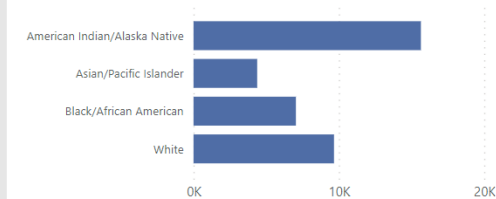
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

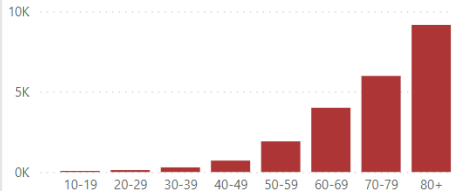
Select Preparedness Region:

All

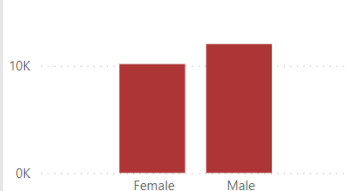
Select county:

All

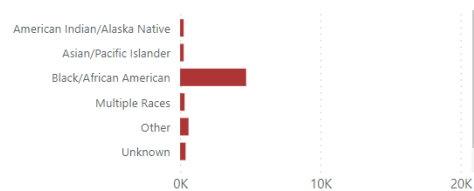
### Deaths by Age Group



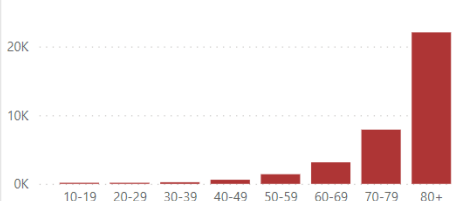
### Deaths by Sex



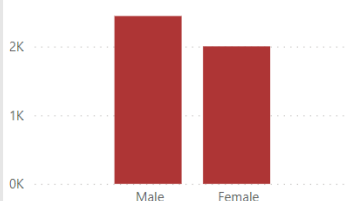
### Deaths by Race



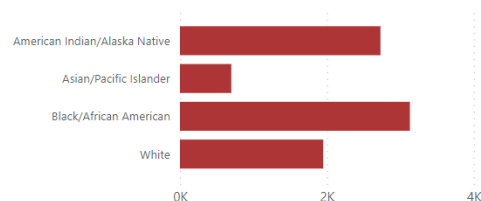
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

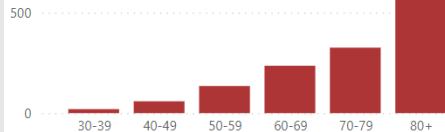
Select Preparedness Region:

All

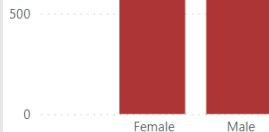
Select county:

All

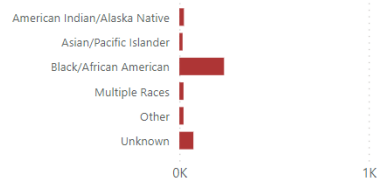
### Deaths by Age Group



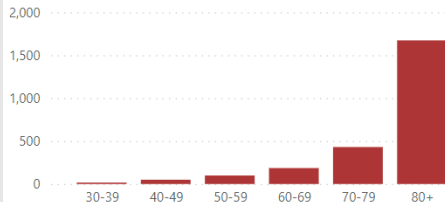
### Deaths by Sex



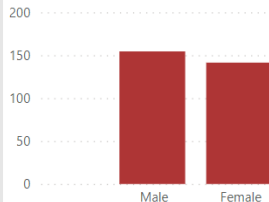
### Deaths by Race



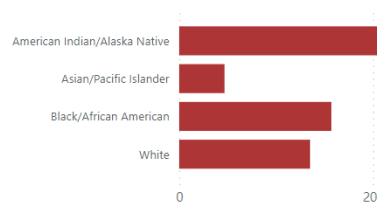
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



[View Table](#)[View Charts](#)

Select Preparedness Region:

All

Select County:

All

Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both confirmatory tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to COVID-19.

Filter by Date:

3/10/2020

10/28/2021

### Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

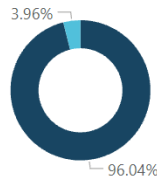
Jul 2021

Oct 2021

### Total Tests Completed to Date

Test Type	Total Tests	Tests per Million Residents
Diagnostic	17,417,863	1,743,333
Serology	718,963	71,960
Total	18,136,826	1,815,293

### Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology



STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

CONFIRMATORY  
TESTING

LEARN MORE

View Table

View Charts

Select Preparedness Region

All



Select County

All



Confirmatory tests are used to find current infection and look for genes from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) tests. Confirmatory tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

## Confirmatory Covid-19 Laboratory Tests

Confirmatory tests are used to determine if an individual is currently infected with COVID-19.

Filter by Date

3/10/2020

10/28/2021

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

### Percent of Confirmatory Tests That Were Positive

Positivity  
60%  
40%  
20%  
0%

Apr 2020

Jul 2020

Oct 2020

Jan 2021

Apr 2021

Jul 2021

Oct 2021

### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# PUBLIC USE DATASETS

## Cases and Deaths by County

### README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.



# **CASES AND DEATHS BY COUNTY 2021-10-29**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/10/29 12:57:23	Alcona	879	37	274	6
2021/10/29 12:57:23	Alger	555	4	296	5
2021/10/29 12:57:23	Allegan	13358	168	1536	25
2021/10/29 12:57:23	Alpena	2424	70	772	3
2021/10/29 12:57:23	Antrim	1876	32	532	6
2021/10/29 12:57:23	Arenac	1663	34	168	0
2021/10/29 12:57:23	Baraga	1019	44	151	2
2021/10/29 12:57:23	Barry	7059	78	868	7
2021/10/29 12:57:23	Bay	13953	376	1091	15
2021/10/29 12:57:23	Benzie	1356	38	307	2
2021/10/29 12:57:23	Berrien	17257	309	2139	22
2021/10/29 12:57:23	Branch	5932	108	593	5
2021/10/29 12:57:23	Calhoun	16088	336	2863	18
2021/10/29 12:57:23	Cass	6236	85	938	7
2021/10/29 12:57:23	Charlevoix	1902	30	674	4
2021/10/29 12:57:23	Cheboygan	2199	63	699	3
2021/10/29 12:57:23	Chippewa	1584	43	2256	9
2021/10/29 12:57:23	Clare	3275	101	608	2
2021/10/29 12:57:23	Clinton	7491	104	2739	8
2021/10/29 12:57:23	Crawford	1214	17	163	0
2021/10/29 12:57:23	Delta	4793	87	1060	19
2021/10/29 12:57:23	Dickinson	3086	65	949	17
2021/10/29 12:57:23	Eaton	11461	237	1864	10
2021/10/29 12:57:23	Emmet	2678	50	781	1
2021/10/29 12:57:23	Genesee	41097	1013	11555	80
2021/10/29 12:57:23	Gladwin	2769	69	543	4
2021/10/29 12:57:23	Gogebic	1422	25	409	29
2021/10/29 12:57:23	Grand Traverse	7586	102	1436	16
2021/10/29 12:57:23	Gratiot	4466	123	1421	5
2021/10/29 12:57:23	Hillsdale	5658	120	602	4
2021/10/29 12:57:23	Houghton	3491	45	720	10
2021/10/29 12:57:23	Huron	3681	90	1186	6
2021/10/29 12:57:23	Ingham	27874	447	3422	12
2021/10/29 12:57:23	Ionia	8693	92	188	3
2021/10/29 12:57:23	Iosco	2732	90	325	6
2021/10/29 12:57:23	Iron	1318	47	121	10
2021/10/29 12:57:23	Isabella	7731	118	1437	6
2021/10/29 12:57:23	Jackson	19086	325	1980	11
2021/10/29 12:57:23	Kalamazoo	26477	410	3489	48
2021/10/29 12:57:23	Kalkaska	1639	37	160	1
2021/10/29 12:57:23	Kent	87271	913	7054	86
2021/10/29 12:57:23	Keweenaw	228	4	34	1
2021/10/29 12:57:23	Lake	886	19	95	3
2021/10/29 12:57:23	Lapeer	9741	241	1924	5
2021/10/29 12:57:23	Leelanau	1333	24	317	1
2021/10/29 12:57:23	Lenawee	11835	194	1529	5

2021/10/29 12:57:23	Livingston	20106	229	3295	15
2021/10/29 12:57:23	Luce	356	4	386	1
2021/10/29 12:57:23	Mackinac	865	11	436	1
2021/10/29 12:57:23	Macomb	111722	2556	10531	143
2021/10/29 12:57:23	Manistee	1539	32	221	4
2021/10/29 12:57:23	Marquette	5930	77	1318	4
2021/10/29 12:57:23	Mason	3000	46	184	1
2021/10/29 12:57:23	Mecosta	4518	46	257	1
2021/10/29 12:57:23	Menominee	2573	46	810	5
2021/10/29 12:57:23	Midland	9573	129	885	7
2021/10/29 12:57:23	Missaukee	1533	26	331	12
2021/10/29 12:57:23	Monroe	16975	279	3772	27
2021/10/29 12:57:23	Montcalm	7857	124	946	3
2021/10/29 12:57:23	Montmorency	742	25	229	1
2021/10/29 12:57:23	Muskegon	20679	403	864	13
2021/10/29 12:57:23	Newaygo	6220	81	457	3
2021/10/29 12:57:23	Oakland	127029	2529	19914	163
2021/10/29 12:57:23	Oceana	3541	64	198	6
2021/10/29 12:57:23	Ogemaw	2327	58	436	2
2021/10/29 12:57:23	Ontonagon	554	21	64	1
2021/10/29 12:57:23	Osceola	2712	41	402	0
2021/10/29 12:57:23	Oscoda	801	36	164	2
2021/10/29 12:57:23	Otsego	2603	51	676	6
2021/10/29 12:57:23	Ottawa	38405	446	3373	59
2021/10/29 12:57:23	Presque Isle	1088	37	300	2
2021/10/29 12:57:23	Roscommon	2137	63	455	3
2021/10/29 12:57:23	Saginaw	25551	645	2032	24
2021/10/29 12:57:23	Sanilac	4349	127	690	9
2021/10/29 12:57:23	Schoolcraft	607	4	209	1
2021/10/29 12:57:23	Shiawassee	7470	126	1332	4
2021/10/29 12:57:23	St Clair	18657	491	3917	26
2021/10/29 12:57:23	St Joseph	7548	112	985	9
2021/10/29 12:57:23	Tuscola	6323	183	1184	14
2021/10/29 12:57:23	Van Buren	8749	151	623	15
2021/10/29 12:57:23	Washtenaw	30033	323	3496	7
2021/10/29 12:57:23	Wayne	124311	2828	9986	180
2021/10/29 12:57:23	Wexford	3188	49	550	4
2021/10/29 12:57:23	MDOC	25993	151	1453	3
2021/10/29 12:57:23	FCI	316	5	5	0
2021/10/29 12:57:23	Out-of-State	2207	21	183	3
2021/10/29 12:57:23	Unknown	22	0	32	0
2021/10/29 12:57:23	Detroit City	61374	2442	4819	148

# PUBLIC USE DATASETS

## Cases by Demographics Statewide

### README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

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The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

# **CASES BY DEMOGRAPHICS STATEWIDE 2021-10-29**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	247	0
Confirmed	10-19	American Indian/Alaska Native	Female	499	0
Confirmed	20-29	American Indian/Alaska Native	Female	662	0
Confirmed	30-39	American Indian/Alaska Native	Female	582	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	498	7
Confirmed	50-59	American Indian/Alaska Native	Female	451	17
Confirmed	60-69	American Indian/Alaska Native	Female	302	22
Confirmed	70-79	American Indian/Alaska Native	Female	146	32
Confirmed	80+	American Indian/Alaska Native	Female	83	34
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	424	0
Confirmed	10-19	Asian/Pacific Islander	Female	1074	0
Confirmed	20-29	Asian/Pacific Islander	Female	1759	0
Confirmed	30-39	Asian/Pacific Islander	Female	1596	6
Confirmed	40-49	Asian/Pacific Islander	Female	1347	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	1058	10
Confirmed	60-69	Asian/Pacific Islander	Female	541	16
Confirmed	70-79	Asian/Pacific Islander	Female	283	31
Confirmed	80+	Asian/Pacific Islander	Female	162	40
Confirmed	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Confirmed	0-9	Black/African American	Female	3738	Suppressed
Confirmed	10-19	Black/African American	Female	7632	Suppressed
Confirmed	20-29	Black/African American	Female	14178	22
Confirmed	30-39	Black/African American	Female	12833	45
Confirmed	40-49	Black/African American	Female	9853	96
Confirmed	50-59	Black/African American	Female	8187	254
Confirmed	60-69	Black/African American	Female	6289	507
Confirmed	70-79	Black/African American	Female	3453	597
Confirmed	80+	Black/African American	Female	2200	733
Confirmed	Unknown	Black/African American	Female	24	0
Confirmed	0-9	Multiple Races	Female	1030	0
Confirmed	10-19	Multiple Races	Female	2770	Suppressed
Confirmed	20-29	Multiple Races	Female	3280	0
Confirmed	30-39	Multiple Races	Female	2425	0
Confirmed	40-49	Multiple Races	Female	2324	Suppressed
Confirmed	50-59	Multiple Races	Female	2347	10
Confirmed	60-69	Multiple Races	Female	1706	21
Confirmed	70-79	Multiple Races	Female	935	34
Confirmed	80+	Multiple Races	Female	582	72
Confirmed	Unknown	Multiple Races	Female	13	0
Confirmed	0-9	Other	Female	1985	Suppressed
Confirmed	10-19	Other	Female	4197	Suppressed
Confirmed	20-29	Other	Female	6014	Suppressed
Confirmed	30-39	Other	Female	4747	Suppressed
Confirmed	40-49	Other	Female	4320	13
Confirmed	50-59	Other	Female	3361	24
Confirmed	60-69	Other	Female	2114	55

Confirmed	70-79	Other	Female	1031	54
Confirmed	80+	Other	Female	671	96
Confirmed	Unknown	Other	Female	19	0
Confirmed	0-9	Unknown	Female	4143	0
Confirmed	10-19	Unknown	Female	13228	0
Confirmed	20-29	Unknown	Female	21369	Suppressed
Confirmed	30-39	Unknown	Female	18083	Suppressed
Confirmed	40-49	Unknown	Female	17507	7
Confirmed	50-59	Unknown	Female	17551	15
Confirmed	60-69	Unknown	Female	10573	24
Confirmed	70-79	Unknown	Female	4799	37
Confirmed	80+	Unknown	Female	2947	88
Confirmed	Unknown	Unknown	Female	162	0
Confirmed	0-9	White	Female	14953	Suppressed
Confirmed	10-19	White	Female	44164	Suppressed
Confirmed	20-29	White	Female	61051	26
Confirmed	30-39	White	Female	51582	53
Confirmed	40-49	White	Female	47320	142
Confirmed	50-59	White	Female	48254	405
Confirmed	60-69	White	Female	37778	945
Confirmed	70-79	White	Female	22698	1678
Confirmed	80+	White	Female	17443	3854
Confirmed	Unknown	White	Female	146	0
Confirmed	0-9	American Indian/Alaska Native	Male	215	0
Confirmed	10-19	American Indian/Alaska Native	Male	505	0
Confirmed	20-29	American Indian/Alaska Native	Male	544	Suppressed
Confirmed	30-39	American Indian/Alaska Native	Male	461	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Male	412	Suppressed
Confirmed	50-59	American Indian/Alaska Native	Male	346	13
Confirmed	60-69	American Indian/Alaska Native	Male	282	55
Confirmed	70-79	American Indian/Alaska Native	Male	140	37
Confirmed	80+	American Indian/Alaska Native	Male	56	25
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	502	0
Confirmed	10-19	Asian/Pacific Islander	Male	1058	0
Confirmed	20-29	Asian/Pacific Islander	Male	1947	Suppressed
Confirmed	30-39	Asian/Pacific Islander	Male	1480	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Male	1146	7
Confirmed	50-59	Asian/Pacific Islander	Male	963	10
Confirmed	60-69	Asian/Pacific Islander	Male	563	33
Confirmed	70-79	Asian/Pacific Islander	Male	261	52
Confirmed	80+	Asian/Pacific Islander	Male	131	40
Confirmed	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Confirmed	0-9	Black/African American	Male	3812	0
Confirmed	10-19	Black/African American	Male	6919	Suppressed
Confirmed	20-29	Black/African American	Male	12198	29
Confirmed	30-39	Black/African American	Male	11607	63
Confirmed	40-49	Black/African American	Male	9650	153
Confirmed	50-59	Black/African American	Male	8634	364
Confirmed	60-69	Black/African American	Male	6060	619

Confirmed	70-79	Black/African American	Male	3030	719
Confirmed	80+	Black/African American	Male	1247	493
Confirmed	Unknown	Black/African American	Male	11	0
Confirmed	0-9	Multiple Races	Male	1147	Suppressed
Confirmed	10-19	Multiple Races	Male	2646	Suppressed
Confirmed	20-29	Multiple Races	Male	2761	Suppressed
Confirmed	30-39	Multiple Races	Male	1961	Suppressed
Confirmed	40-49	Multiple Races	Male	1891	8
Confirmed	50-59	Multiple Races	Male	1848	13
Confirmed	60-69	Multiple Races	Male	1563	42
Confirmed	70-79	Multiple Races	Male	843	45
Confirmed	80+	Multiple Races	Male	358	61
Confirmed	Unknown	Multiple Races	Male	10	0
Confirmed	0-9	Other	Male	2044	Suppressed
Confirmed	10-19	Other	Male	4260	Suppressed
Confirmed	20-29	Other	Male	6059	Suppressed
Confirmed	30-39	Other	Male	4938	6
Confirmed	40-49	Other	Male	4602	31
Confirmed	50-59	Other	Male	3759	44
Confirmed	60-69	Other	Male	2232	91
Confirmed	70-79	Other	Male	973	89
Confirmed	80+	Other	Male	431	83
Confirmed	Unknown	Other	Male	16	0
Confirmed	0-9	Unknown	Male	4336	0
Confirmed	10-19	Unknown	Male	12464	Suppressed
Confirmed	20-29	Unknown	Male	21763	Suppressed
Confirmed	30-39	Unknown	Male	18611	12
Confirmed	40-49	Unknown	Male	16773	13
Confirmed	50-59	Unknown	Male	17291	29
Confirmed	60-69	Unknown	Male	10272	39
Confirmed	70-79	Unknown	Male	4010	41
Confirmed	80+	Unknown	Male	1750	75
Confirmed	Unknown	Unknown	Male	188	0
Confirmed	0-9	White	Male	15987	0
Confirmed	10-19	White	Male	41576	Suppressed
Confirmed	20-29	White	Male	51659	37
Confirmed	30-39	White	Male	44522	85
Confirmed	40-49	White	Male	42218	219
Confirmed	50-59	White	Male	46375	701
Confirmed	60-69	White	Male	37576	1527
Confirmed	70-79	White	Male	22173	2529
Confirmed	80+	White	Male	12235	3458
Confirmed	Unknown	White	Male	116	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	6	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	8	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	12	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	9	0
Confirmed	10-19	Black/African American	Unknown	29	0
Confirmed	20-29	Black/African American	Unknown	131	0
Confirmed	30-39	Black/African American	Unknown	117	0
Confirmed	40-49	Black/African American	Unknown	122	0
Confirmed	50-59	Black/African American	Unknown	97	0
Confirmed	60-69	Black/African American	Unknown	45	0
Confirmed	70-79	Black/African American	Unknown	11	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	Suppressed	0
Confirmed	0-9	Multiple Races	Unknown	14	0
Confirmed	10-19	Multiple Races	Unknown	23	0
Confirmed	20-29	Multiple Races	Unknown	29	0
Confirmed	30-39	Multiple Races	Unknown	21	0
Confirmed	40-49	Multiple Races	Unknown	21	0
Confirmed	50-59	Multiple Races	Unknown	11	0
Confirmed	60-69	Multiple Races	Unknown	15	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	33	0
Confirmed	10-19	Other	Unknown	68	0
Confirmed	20-29	Other	Unknown	94	0
Confirmed	30-39	Other	Unknown	90	0
Confirmed	40-49	Other	Unknown	107	0
Confirmed	50-59	Other	Unknown	64	0
Confirmed	60-69	Other	Unknown	31	0
Confirmed	70-79	Other	Unknown	12	0
Confirmed	80+	Other	Unknown	14	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	175	0
Confirmed	10-19	Unknown	Unknown	493	0
Confirmed	20-29	Unknown	Unknown	741	0
Confirmed	30-39	Unknown	Unknown	554	0
Confirmed	40-49	Unknown	Unknown	536	0
Confirmed	50-59	Unknown	Unknown	472	0
Confirmed	60-69	Unknown	Unknown	264	0

Confirmed	70-79	Unknown	Unknown	122	0
Confirmed	80+	Unknown	Unknown	67	0
Confirmed	Unknown	Unknown	Unknown	73	0
Confirmed	0-9	White	Unknown	49	0
Confirmed	10-19	White	Unknown	206	0
Confirmed	20-29	White	Unknown	290	0
Confirmed	30-39	White	Unknown	264	0
Confirmed	40-49	White	Unknown	245	0
Confirmed	50-59	White	Unknown	202	0
Confirmed	60-69	White	Unknown	155	0
Confirmed	70-79	White	Unknown	64	Suppressed
Confirmed	80+	White	Unknown	29	0
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	83	0
Probable	10-19	American Indian/Alaska Native	Female	156	0
Probable	20-29	American Indian/Alaska Native	Female	126	0
Probable	30-39	American Indian/Alaska Native	Female	121	0
Probable	40-49	American Indian/Alaska Native	Female	102	0
Probable	50-59	American Indian/Alaska Native	Female	72	0
Probable	60-69	American Indian/Alaska Native	Female	46	Suppressed
Probable	70-79	American Indian/Alaska Native	Female	21	Suppressed
Probable	80+	American Indian/Alaska Native	Female	11	6
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	56	0
Probable	10-19	Asian/Pacific Islander	Female	120	0
Probable	20-29	Asian/Pacific Islander	Female	175	0
Probable	30-39	Asian/Pacific Islander	Female	138	0
Probable	40-49	Asian/Pacific Islander	Female	126	0
Probable	50-59	Asian/Pacific Islander	Female	92	0
Probable	60-69	Asian/Pacific Islander	Female	50	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	22	Suppressed
Probable	80+	Asian/Pacific Islander	Female	8	0
Probable	Unknown	Asian/Pacific Islander	Female	7	0
Probable	0-9	Black/African American	Female	372	0
Probable	10-19	Black/African American	Female	835	0
Probable	20-29	Black/African American	Female	1307	Suppressed
Probable	30-39	Black/African American	Female	1093	Suppressed
Probable	40-49	Black/African American	Female	812	6
Probable	50-59	Black/African American	Female	597	14
Probable	60-69	Black/African American	Female	386	24
Probable	70-79	Black/African American	Female	147	20
Probable	80+	Black/African American	Female	92	38
Probable	Unknown	Black/African American	Female	33	Suppressed
Probable	0-9	Multiple Races	Female	208	0
Probable	10-19	Multiple Races	Female	396	0
Probable	20-29	Multiple Races	Female	287	0
Probable	30-39	Multiple Races	Female	206	0
Probable	40-49	Multiple Races	Female	190	0
Probable	50-59	Multiple Races	Female	180	Suppressed
Probable	60-69	Multiple Races	Female	124	Suppressed



Probable	70-79	Multiple Races	Female	47	Suppressed
Probable	80+	Multiple Races	Female	34	6
Probable	Unknown	Multiple Races	Female	71	0
Probable	0-9	Other	Female	125	0
Probable	10-19	Other	Female	309	0
Probable	20-29	Other	Female	390	0
Probable	30-39	Other	Female	300	0
Probable	40-49	Other	Female	245	0
Probable	50-59	Other	Female	201	Suppressed
Probable	60-69	Other	Female	91	Suppressed
Probable	70-79	Other	Female	41	0
Probable	80+	Other	Female	16	Suppressed
Probable	Unknown	Other	Female	19	0
Probable	0-9	Unknown	Female	1202	0
Probable	10-19	Unknown	Female	3116	0
Probable	20-29	Unknown	Female	3708	0
Probable	30-39	Unknown	Female	2990	Suppressed
Probable	40-49	Unknown	Female	2827	0
Probable	50-59	Unknown	Female	2608	Suppressed
Probable	60-69	Unknown	Female	1641	6
Probable	70-79	Unknown	Female	675	Suppressed
Probable	80+	Unknown	Female	393	22
Probable	Unknown	Unknown	Female	1910	0
Probable	0-9	White	Female	2883	0
Probable	10-19	White	Female	7169	0
Probable	20-29	White	Female	6819	Suppressed
Probable	30-39	White	Female	6087	Suppressed
Probable	40-49	White	Female	5596	11
Probable	50-59	White	Female	5145	43
Probable	60-69	White	Female	3295	48
Probable	70-79	White	Female	1717	99
Probable	80+	White	Female	1708	340
Probable	Unknown	White	Female	490	Suppressed
Probable	0-9	American Indian/Alaska Native	Male	101	0
Probable	10-19	American Indian/Alaska Native	Male	178	0
Probable	20-29	American Indian/Alaska Native	Male	129	0
Probable	30-39	American Indian/Alaska Native	Male	95	0
Probable	40-49	American Indian/Alaska Native	Male	81	Suppressed
Probable	50-59	American Indian/Alaska Native	Male	63	Suppressed
Probable	60-69	American Indian/Alaska Native	Male	30	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	13	Suppressed
Probable	80+	American Indian/Alaska Native	Male	8	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	77	0
Probable	10-19	Asian/Pacific Islander	Male	134	0
Probable	20-29	Asian/Pacific Islander	Male	194	0
Probable	30-39	Asian/Pacific Islander	Male	142	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	103	0
Probable	50-59	Asian/Pacific Islander	Male	74	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	30	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	10	Suppressed
Probable	80+	Asian/Pacific Islander	Male	9	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	385	0
Probable	10-19	Black/African American	Male	787	Suppressed
Probable	20-29	Black/African American	Male	1004	Suppressed
Probable	30-39	Black/African American	Male	911	Suppressed
Probable	40-49	Black/African American	Male	686	11
Probable	50-59	Black/African American	Male	560	21
Probable	60-69	Black/African American	Male	312	34
Probable	70-79	Black/African American	Male	119	36
Probable	80+	Black/African American	Male	45	24
Probable	Unknown	Black/African American	Male	30	0
Probable	0-9	Multiple Races	Male	184	0
Probable	10-19	Multiple Races	Male	396	0
Probable	20-29	Multiple Races	Male	206	0
Probable	30-39	Multiple Races	Male	174	0
Probable	40-49	Multiple Races	Male	159	Suppressed
Probable	50-59	Multiple Races	Male	119	0
Probable	60-69	Multiple Races	Male	99	Suppressed
Probable	70-79	Multiple Races	Male	42	Suppressed
Probable	80+	Multiple Races	Male	19	7
Probable	Unknown	Multiple Races	Male	61	0
Probable	0-9	Other	Male	133	0
Probable	10-19	Other	Male	337	0
Probable	20-29	Other	Male	383	0
Probable	30-39	Other	Male	313	0
Probable	40-49	Other	Male	263	Suppressed
Probable	50-59	Other	Male	169	Suppressed
Probable	60-69	Other	Male	100	Suppressed
Probable	70-79	Other	Male	44	Suppressed
Probable	80+	Other	Male	10	Suppressed
Probable	Unknown	Other	Male	21	0
Probable	0-9	Unknown	Male	1244	0
Probable	10-19	Unknown	Male	3134	0
Probable	20-29	Unknown	Male	3505	0
Probable	30-39	Unknown	Male	2915	Suppressed
Probable	40-49	Unknown	Male	2592	Suppressed
Probable	50-59	Unknown	Male	2511	Suppressed
Probable	60-69	Unknown	Male	1401	6
Probable	70-79	Unknown	Male	550	10
Probable	80+	Unknown	Male	230	16
Probable	Unknown	Unknown	Male	1681	0
Probable	0-9	White	Male	3048	0
Probable	10-19	White	Male	7004	Suppressed
Probable	20-29	White	Male	5802	Suppressed
Probable	30-39	White	Male	4944	10
Probable	40-49	White	Male	4643	23
Probable	50-59	White	Male	4600	39
Probable	60-69	White	Male	2981	96

Probable	70-79	White	Male	1511	144
Probable	80+	White	Male	949	224
Probable	Unknown	White	Male	422	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	10-19	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	20-29	Asian/Pacific Islander	Unknown	6	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	11	0
Probable	10-19	Black/African American	Unknown	18	0
Probable	20-29	Black/African American	Unknown	11	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	9	0
Probable	50-59	Black/African American	Unknown	6	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	7	0
Probable	0-9	Multiple Races	Unknown	12	0
Probable	10-19	Multiple Races	Unknown	38	0
Probable	20-29	Multiple Races	Unknown	20	0
Probable	30-39	Multiple Races	Unknown	22	0
Probable	40-49	Multiple Races	Unknown	15	0
Probable	50-59	Multiple Races	Unknown	11	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	Suppressed	0
Probable	80+	Multiple Races	Unknown	Suppressed	0
Probable	Unknown	Multiple Races	Unknown	19	0
Probable	0-9	Other	Unknown	17	0
Probable	10-19	Other	Unknown	50	0
Probable	20-29	Other	Unknown	48	0
Probable	30-39	Other	Unknown	55	0
Probable	40-49	Other	Unknown	38	0
Probable	50-59	Other	Unknown	31	0
Probable	60-69	Other	Unknown	24	0

Probable	70-79	Other	Unknown	11	0
Probable	80+	Other	Unknown	Suppressed	0
Probable	Unknown	Other	Unknown	15	0
Probable	0-9	Unknown	Unknown	392	0
Probable	10-19	Unknown	Unknown	868	0
Probable	20-29	Unknown	Unknown	953	0
Probable	30-39	Unknown	Unknown	794	Suppressed
Probable	40-49	Unknown	Unknown	795	0
Probable	50-59	Unknown	Unknown	653	0
Probable	60-69	Unknown	Unknown	372	0
Probable	70-79	Unknown	Unknown	157	0
Probable	80+	Unknown	Unknown	59	0
Probable	Unknown	Unknown	Unknown	2391	0
Probable	0-9	White	Unknown	81	0
Probable	10-19	White	Unknown	194	0
Probable	20-29	White	Unknown	106	Suppressed
Probable	30-39	White	Unknown	98	0
Probable	40-49	White	Unknown	101	0
Probable	50-59	White	Unknown	85	0
Probable	60-69	White	Unknown	43	0
Probable	70-79	White	Unknown	34	0
Probable	80+	White	Unknown	10	Suppressed
Probable	Unknown	White	Unknown	65	0

# PUBLIC USE DATASETS

## COVID-19 Tests by County

### README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

## COVID-19 TESTS BY COUNTY 2021-10-29

Updated	COUNTY	TestType	Count	RatePerMillion
2021/10/29 12:57:44	Alcona	Diagnostic	10564	1015281
2021/10/29 12:57:44	Alcona	Serology	229	22009
2021/10/29 12:57:44	Alcona	Total	10793	1037290
2021/10/29 12:57:44	Alger	Diagnostic	9824	1078612
2021/10/29 12:57:44	Alger	Serology	443	48639
2021/10/29 12:57:44	Alger	Total	10267	1127251
2021/10/29 12:57:44	Allegan	Diagnostic	151342	1281680
2021/10/29 12:57:44	Allegan	Serology	3648	30894
2021/10/29 12:57:44	Allegan	Total	154990	1312574
2021/10/29 12:57:44	Alpena	Diagnostic	31572	1111494
2021/10/29 12:57:44	Alpena	Serology	893	31438
2021/10/29 12:57:44	Alpena	Total	32465	1142933
2021/10/29 12:57:44	Antrim	Serology	944	40473
2021/10/29 12:57:44	Antrim	Diagnostic	28608	1226548
2021/10/29 12:57:44	Antrim	Total	29552	1267021
2021/10/29 12:57:44	Arenac	Diagnostic	23503	1579184
2021/10/29 12:57:44	Arenac	Serology	580	38971
2021/10/29 12:57:44	Arenac	Total	24083	1618155
2021/10/29 12:57:44	Baraga	Diagnostic	10637	1295773
2021/10/29 12:57:44	Baraga	Serology	67	8162
2021/10/29 12:57:44	Baraga	Total	10704	1303935
2021/10/29 12:57:44	Barry	Diagnostic	75998	1234736
2021/10/29 12:57:44	Barry	Serology	2414	39220
2021/10/29 12:57:44	Barry	Total	78412	1273956
2021/10/29 12:57:44	Bay	Serology	7859	76208
2021/10/29 12:57:44	Bay	Diagnostic	162434	1575102
2021/10/29 12:57:44	Bay	Total	170293	1651310
2021/10/29 12:57:44	Benzie	Diagnostic	16762	943488
2021/10/29 12:57:44	Benzie	Serology	834	46944
2021/10/29 12:57:44	Benzie	Total	17596	990431
2021/10/29 12:57:44	Berrien	Serology	7512	48970
2021/10/29 12:57:44	Berrien	Diagnostic	291955	1903214
2021/10/29 12:57:44	Berrien	Total	299467	1952184
2021/10/29 12:57:44	Branch	Serology	788	18108
2021/10/29 12:57:44	Branch	Diagnostic	57600	1323621
2021/10/29 12:57:44	Branch	Total	58388	1341729
2021/10/29 12:57:44	Calhoun	Diagnostic	253532	1889787
2021/10/29 12:57:44	Calhoun	Serology	2161	16108
2021/10/29 12:57:44	Calhoun	Total	255693	1905895
2021/10/29 12:57:44	Cass	Diagnostic	51320	990982
2021/10/29 12:57:44	Cass	Serology	977	18866
2021/10/29 12:57:44	Cass	Total	52297	1009848
2021/10/29 12:57:44	Charlevoix	Diagnostic	29559	1130666
2021/10/29 12:57:44	Charlevoix	Serology	1254	47967
2021/10/29 12:57:44	Charlevoix	Total	30813	1178633
2021/10/29 12:57:44	Cheboygan	Serology	736	29119
2021/10/29 12:57:44	Cheboygan	Diagnostic	22994	909717

2021/10/29 12:57:44	Cheboygan	Total	23730	938835
2021/10/29 12:57:44	Chippewa	Diagnostic	38601	1033522
2021/10/29 12:57:44	Chippewa	Serology	482	12905
2021/10/29 12:57:44	Chippewa	Total	39083	1046427
2021/10/29 12:57:44	Clare	Serology	1328	42908
2021/10/29 12:57:44	Clare	Diagnostic	35055	1132633
2021/10/29 12:57:44	Clare	Total	36383	1175541
2021/10/29 12:57:44	Clinton	Diagnostic	74284	933275
2021/10/29 12:57:44	Clinton	Serology	4994	62743
2021/10/29 12:57:44	Clinton	Total	79278	996017
2021/10/29 12:57:44	Correctional	Diagnostic	1042359	
2021/10/29 12:57:44	Correctional	Serology	30721	
2021/10/29 12:57:44	Correctional	Total	1073080	
2021/10/29 12:57:44	Crawford	Diagnostic	14376	1024734
2021/10/29 12:57:44	Crawford	Serology	430	30651
2021/10/29 12:57:44	Crawford	Total	14806	1055385
2021/10/29 12:57:44	Delta	Diagnostic	54373	1519478
2021/10/29 12:57:44	Delta	Serology	1089	30433
2021/10/29 12:57:44	Delta	Total	55462	1549911
2021/10/29 12:57:44	Detroit City	Serology	32597	50164
2021/10/29 12:57:44	Detroit City	Diagnostic	1158806	1783316
2021/10/29 12:57:44	Detroit City	Total	1191403	1833481
2021/10/29 12:57:44	Dickinson	Diagnostic	26386	1045446
2021/10/29 12:57:44	Dickinson	Serology	214	8479
2021/10/29 12:57:44	Dickinson	Total	26600	1053924
2021/10/29 12:57:44	Eaton	Serology	7411	67209
2021/10/29 12:57:44	Eaton	Diagnostic	164790	1494450
2021/10/29 12:57:44	Eaton	Total	172201	1561659
2021/10/29 12:57:44	Emmet	Diagnostic	40577	1214335
2021/10/29 12:57:44	Emmet	Serology	1823	54556
2021/10/29 12:57:44	Emmet	Total	42400	1268891
2021/10/29 12:57:44	Genesee	Diagnostic	515420	1270092
2021/10/29 12:57:44	Genesee	Serology	24392	60107
2021/10/29 12:57:44	Genesee	Total	539812	1330199
2021/10/29 12:57:44	Gladwin	Diagnostic	29528	1160281
2021/10/29 12:57:44	Gladwin	Serology	1339	52615
2021/10/29 12:57:44	Gladwin	Total	30867	1212896
2021/10/29 12:57:44	Gogebic	Diagnostic	23942	1713202
2021/10/29 12:57:44	Gogebic	Serology	263	18819
2021/10/29 12:57:44	Gogebic	Total	24205	1732021
2021/10/29 12:57:44	Grand Traverse	Diagnostic	116271	1249044
2021/10/29 12:57:44	Grand Traverse	Serology	7357	79033
2021/10/29 12:57:44	Grand Traverse	Total	123628	1328077
2021/10/29 12:57:44	Gratiot	Serology	1383	33971
2021/10/29 12:57:44	Gratiot	Diagnostic	73364	1802068
2021/10/29 12:57:44	Gratiot	Total	74747	1836039
2021/10/29 12:57:44	Hillsdale	Diagnostic	59308	1300471
2021/10/29 12:57:44	Hillsdale	Serology	1402	30742
2021/10/29 12:57:44	Hillsdale	Total	60710	1331214
2021/10/29 12:57:44	Houghton	Diagnostic	59733	1673944

2021/10/29 12:57:44	Houghton	Serology	303	8491
2021/10/29 12:57:44	Houghton	Total	60036	1682435
2021/10/29 12:57:44	Huron	Serology	1155	37281
2021/10/29 12:57:44	Huron	Diagnostic	36463	1176947
2021/10/29 12:57:44	Huron	Total	37618	1214228
2021/10/29 12:57:44	Ingham	Diagnostic	443770	1517650
2021/10/29 12:57:44	Ingham	Serology	22434	76722
2021/10/29 12:57:44	Ingham	Total	466204	1594372
2021/10/29 12:57:44	Ionia	Diagnostic	100046	1546378
2021/10/29 12:57:44	Ionia	Serology	2865	44283
2021/10/29 12:57:44	Ionia	Total	102911	1590661
2021/10/29 12:57:44	Iosco	Serology	756	30087
2021/10/29 12:57:44	Iosco	Diagnostic	36642	1458272
2021/10/29 12:57:44	Iosco	Total	37398	1488359
2021/10/29 12:57:44	Iron	Diagnostic	28779	2600669
2021/10/29 12:57:44	Iron	Serology	139	12561
2021/10/29 12:57:44	Iron	Total	28918	2613230
2021/10/29 12:57:44	Isabella	Serology	1786	25561
2021/10/29 12:57:44	Isabella	Diagnostic	85815	1228174
2021/10/29 12:57:44	Isabella	Total	87601	1253735
2021/10/29 12:57:44	Jackson	Serology	5002	31556
2021/10/29 12:57:44	Jackson	Diagnostic	284730	1796290
2021/10/29 12:57:44	Jackson	Total	289732	1827847
2021/10/29 12:57:44	Kalamazoo	Diagnostic	406194	1532426
2021/10/29 12:57:44	Kalamazoo	Serology	7686	28997
2021/10/29 12:57:44	Kalamazoo	Total	413880	1561422
2021/10/29 12:57:44	Kalkaska	Diagnostic	23116	1281517
2021/10/29 12:57:44	Kalkaska	Serology	910	50449
2021/10/29 12:57:44	Kalkaska	Total	24026	1331966
2021/10/29 12:57:44	Kent	Serology	53078	80794
2021/10/29 12:57:44	Kent	Diagnostic	1190865	1812704
2021/10/29 12:57:44	Kent	Total	1243943	1893498
2021/10/29 12:57:44	Keweenaw	Diagnostic	3002	1418715
2021/10/29 12:57:44	Keweenaw	Serology	39	18431
2021/10/29 12:57:44	Keweenaw	Total	3041	1437146
2021/10/29 12:57:44	Lake	Diagnostic	14285	1205180
2021/10/29 12:57:44	Lake	Serology	277	23370
2021/10/29 12:57:44	Lake	Total	14562	1228550
2021/10/29 12:57:44	Lapeer	Diagnostic	89952	1026767
2021/10/29 12:57:44	Lapeer	Serology	4749	54208
2021/10/29 12:57:44	Lapeer	Total	94701	1080975
2021/10/29 12:57:44	Leelanau	Diagnostic	16623	763890
2021/10/29 12:57:44	Leelanau	Serology	1227	56385
2021/10/29 12:57:44	Leelanau	Total	17850	820275
2021/10/29 12:57:44	Lenawee	Serology	2963	30096
2021/10/29 12:57:44	Lenawee	Diagnostic	168085	1707296
2021/10/29 12:57:44	Lenawee	Total	171048	1737392
2021/10/29 12:57:44	Livingston	Diagnostic	275832	1436662
2021/10/29 12:57:44	Livingston	Serology	10164	52939
2021/10/29 12:57:44	Livingston	Total	285996	1489601



2021/10/29 12:57:44	Luce	Diagnostic	7936	1274041
2021/10/29 12:57:44	Luce	Serology	39	6261
2021/10/29 12:57:44	Luce	Total	7975	1280302
2021/10/29 12:57:44	Mackinac	Serology	207	19168
2021/10/29 12:57:44	Mackinac	Diagnostic	12683	1174461
2021/10/29 12:57:44	Mackinac	Total	12890	1193629
2021/10/29 12:57:44	Macomb	Serology	78530	89854
2021/10/29 12:57:44	Macomb	Diagnostic	1236382	1414670
2021/10/29 12:57:44	Macomb	Total	1314912	1504524
2021/10/29 12:57:44	Manistee	Serology	1085	44181
2021/10/29 12:57:44	Manistee	Diagnostic	25889	1054198
2021/10/29 12:57:44	Manistee	Total	26974	1098379
2021/10/29 12:57:44	Marquette	Diagnostic	156003	2338911
2021/10/29 12:57:44	Marquette	Serology	1638	24558
2021/10/29 12:57:44	Marquette	Total	157641	2363469
2021/10/29 12:57:44	Mason	Diagnostic	44675	1532906
2021/10/29 12:57:44	Mason	Serology	1259	43199
2021/10/29 12:57:44	Mason	Total	45934	1576105
2021/10/29 12:57:44	Mecosta	Diagnostic	52461	1207304
2021/10/29 12:57:44	Mecosta	Serology	1258	28951
2021/10/29 12:57:44	Mecosta	Total	53719	1236255
2021/10/29 12:57:44	Menominee	Diagnostic	33110	1453468
2021/10/29 12:57:44	Menominee	Serology	226	9921
2021/10/29 12:57:44	Menominee	Total	33336	1463389
2021/10/29 12:57:44	Midland	Diagnostic	95304	1146087
2021/10/29 12:57:44	Midland	Serology	8142	97912
2021/10/29 12:57:44	Midland	Total	103446	1243999
2021/10/29 12:57:44	Missaukee	Diagnostic	14448	955682
2021/10/29 12:57:44	Missaukee	Serology	756	50007
2021/10/29 12:57:44	Missaukee	Total	15204	1005689
2021/10/29 12:57:44	Monroe	Diagnostic	204523	1358957
2021/10/29 12:57:44	Monroe	Serology	7453	49522
2021/10/29 12:57:44	Monroe	Total	211976	1408478
2021/10/29 12:57:44	Montcalm	Serology	2982	46675
2021/10/29 12:57:44	Montcalm	Diagnostic	102389	1602633
2021/10/29 12:57:44	Montcalm	Total	105371	1649308
2021/10/29 12:57:44	Montmorency	Diagnostic	11675	1251608
2021/10/29 12:57:44	Montmorency	Serology	484	51887
2021/10/29 12:57:44	Montmorency	Total	12159	1303495
2021/10/29 12:57:44	Muskegon	Diagnostic	277459	1598579
2021/10/29 12:57:44	Muskegon	Serology	4643	26751
2021/10/29 12:57:44	Muskegon	Total	282102	1625330
2021/10/29 12:57:44	Newaygo	Diagnostic	60540	1236015
2021/10/29 12:57:44	Newaygo	Serology	2139	43671
2021/10/29 12:57:44	Newaygo	Total	62679	1279686
2021/10/29 12:57:44	Oakland	Diagnostic	1931312	1535732
2021/10/29 12:57:44	Oakland	Serology	139529	110950
2021/10/29 12:57:44	Oakland	Total	2070841	1646682
2021/10/29 12:57:44	Oceana	Diagnostic	45731	1727850
2021/10/29 12:57:44	Oceana	Serology	1135	42884

2021/10/29 12:57:44	Oceana	Total	46866	1770733
2021/10/29 12:57:44	Ogemaw	Diagnostic	26336	1254274
2021/10/29 12:57:44	Ogemaw	Serology	691	32909
2021/10/29 12:57:44	Ogemaw	Total	27027	1287184
2021/10/29 12:57:44	Ontonagon	Diagnostic	9620	1681818
2021/10/29 12:57:44	Ontonagon	Serology	72	12587
2021/10/29 12:57:44	Ontonagon	Total	9692	1694406
2021/10/29 12:57:44	Osceola	Serology	1379	58781
2021/10/29 12:57:44	Osceola	Diagnostic	33700	1436488
2021/10/29 12:57:44	Osceola	Total	35079	1495269
2021/10/29 12:57:44	Oscoda	Serology	409	49630
2021/10/29 12:57:44	Oscoda	Diagnostic	7532	913967
2021/10/29 12:57:44	Oscoda	Total	7941	963597
2021/10/29 12:57:44	Otsego	Diagnostic	31824	1290092
2021/10/29 12:57:44	Otsego	Serology	1269	51443
2021/10/29 12:57:44	Otsego	Total	33093	1341536
2021/10/29 12:57:44	Ottawa	Serology	17726	60741
2021/10/29 12:57:44	Ottawa	Diagnostic	490190	1679711
2021/10/29 12:57:44	Ottawa	Total	507916	1740452
2021/10/29 12:57:44	Presque Isle	Diagnostic	14105	1120156
2021/10/29 12:57:44	Presque Isle	Serology	633	50270
2021/10/29 12:57:44	Presque Isle	Total	14738	1170426
2021/10/29 12:57:44	Roscommon	Serology	866	36055
2021/10/29 12:57:44	Roscommon	Diagnostic	27662	1151672
2021/10/29 12:57:44	Roscommon	Total	28528	1187726
2021/10/29 12:57:44	Saginaw	Diagnostic	317538	1666525
2021/10/29 12:57:44	Saginaw	Serology	10768	56513
2021/10/29 12:57:44	Saginaw	Total	328306	1723038
2021/10/29 12:57:44	Sanilac	Diagnostic	60212	1462521
2021/10/29 12:57:44	Sanilac	Serology	1863	45251
2021/10/29 12:57:44	Sanilac	Total	62075	1507773
2021/10/29 12:57:44	Schoolcraft	Diagnostic	6903	852854
2021/10/29 12:57:44	Schoolcraft	Serology	70	8648
2021/10/29 12:57:44	Schoolcraft	Total	6973	861502
2021/10/29 12:57:44	Shiawassee	Diagnostic	93688	1375297
2021/10/29 12:57:44	Shiawassee	Serology	3193	46872
2021/10/29 12:57:44	Shiawassee	Total	96881	1422169
2021/10/29 12:57:44	St Clair	Diagnostic	193819	1218007
2021/10/29 12:57:44	St Clair	Serology	10677	67097
2021/10/29 12:57:44	St Clair	Total	204496	1285104
2021/10/29 12:57:44	St Joseph	Diagnostic	73835	1211125
2021/10/29 12:57:44	St Joseph	Serology	1979	32462
2021/10/29 12:57:44	St Joseph	Total	75814	1243586
2021/10/29 12:57:44	Tuscola	Diagnostic	78857	1509369
2021/10/29 12:57:44	Tuscola	Serology	2682	51335
2021/10/29 12:57:44	Tuscola	Total	81539	1560704
2021/10/29 12:57:44	Unknown	Serology	32149	
2021/10/29 12:57:44	Unknown	Diagnostic	653741	
2021/10/29 12:57:44	Unknown	Total	685890	
2021/10/29 12:57:44	Van Buren	Diagnostic	121651	1607503

2021/10/29 12:57:44	Van Buren	Serology	1969	26018
2021/10/29 12:57:44	Van Buren	Total	123620	1633521
2021/10/29 12:57:44	Washtenaw	Serology	20365	55400
2021/10/29 12:57:44	Washtenaw	Diagnostic	972891	2646595
2021/10/29 12:57:44	Washtenaw	Total	993256	2701995
2021/10/29 12:57:44	Wayne	Serology	93138	84378
2021/10/29 12:57:44	Wayne	Diagnostic	1890275	1712497
2021/10/29 12:57:44	Wayne	Total	1983413	1796876
2021/10/29 12:57:44	Wexford	Serology	1463	43502
2021/10/29 12:57:44	Wexford	Diagnostic	41388	1230650
2021/10/29 12:57:44	Wexford	Total	42851	1274152

# PUBLIC USE DATASETS

## Diagnostic Tests by Result and County

### README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

**DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-10-29**

MessageDate	COUNTY	Negative	Positive	Total
10/28/2021	Alcona	28	5	33
10/28/2021	Alger	3	1	4
10/28/2021	Allegan	304	50	354
10/28/2021	Alpena	106	17	123
10/28/2021	Antrim	63	4	67
10/28/2021	Arenac	83	22	105
10/28/2021	Baraga	4	0	4
10/28/2021	Barry	186	75	261
10/28/2021	Bay	343	74	417
10/28/2021	Benzie	34	2	36
10/28/2021	Berrien	344	62	406
10/28/2021	Branch	69	28	97
10/28/2021	Calhoun	336	48	384
10/28/2021	Cass	80	16	96
10/28/2021	Charlevoix	70	5	75
10/28/2021	Cheboygan	55	9	64
10/28/2021	Chippewa	60	11	71
10/28/2021	Clare	92	22	114
10/28/2021	Clinton	108	16	124
10/28/2021	Correctional	137	1	138
10/28/2021	Crawford	26	9	35
10/28/2021	Delta	101	21	122
10/28/2021	Detroit City	5913	183	6096
10/28/2021	Dickinson	96	9	105
10/28/2021	Eaton	235	47	282
10/28/2021	Emmet	84	11	95
10/28/2021	Genesee	1099	238	1337
10/28/2021	Gladwin	73	14	87
10/28/2021	Gogebic	91	8	99
10/28/2021	Grand Traverse	228	17	245
10/28/2021	Gratiot	133	23	156
10/28/2021	Hillsdale	90	30	120
10/28/2021	Houghton	185	63	248
10/28/2021	Huron	100	14	114
10/28/2021	Ingham	662	97	759
10/28/2021	Ionia	187	43	230
10/28/2021	Iosco	58	19	77
10/28/2021	Iron	29	1	30
10/28/2021	Isabella	262	39	301
10/28/2021	Jackson	395	117	512
10/28/2021	Kalamazoo	1169	84	1253
10/28/2021	Kalkaska	57	10	67
10/28/2021	Kent	2562	503	3065
10/28/2021	Keweenaw	8	1	9
10/28/2021	Lake	14	7	21
10/28/2021	Lapeer	181	46	227
10/28/2021	Leelanau	26	1	27

10/28/2021	Lenawee	279	74	353
10/28/2021	Livingston	545	116	661
10/28/2021	Luce	15	4	19
10/28/2021	Mackinac	60	2	62
10/28/2021	Macomb	2922	373	3295
10/28/2021	Manistee	50	4	54
10/28/2021	Marquette	210	40	250
10/28/2021	Mason	99	24	123
10/28/2021	Mecosta	97	30	127
10/28/2021	Menominee	38	6	44
10/28/2021	Midland	210	27	237
10/28/2021	Missaukee	25	8	33
10/28/2021	Monroe	454	58	512
10/28/2021	Montcalm	222	41	263
10/28/2021	Montmorency	15	6	21
10/28/2021	Muskegon	509	117	626
10/28/2021	Newaygo	114	33	147
10/28/2021	Oakland	4283	368	4651
10/28/2021	Oceana	100	18	118
10/28/2021	Ogemaw	79	22	101
10/28/2021	Ontonagon	13	1	14
10/28/2021	Osceola	83	12	95
10/28/2021	Oscoda	19	4	23
10/28/2021	Otsego	63	8	71
10/28/2021	Ottawa	1040	191	1231
10/28/2021	Presque Isle	27	1	28
10/28/2021	Roscommon	71	35	106
10/28/2021	Saginaw	634	96	730
10/28/2021	Sanilac	85	19	104
10/28/2021	Schoolcraft	3	0	3
10/28/2021	Shiawassee	172	41	213
10/28/2021	St Clair	298	43	341
10/28/2021	St Joseph	147	33	180
10/28/2021	Tuscola	172	49	221
10/28/2021	Unknown	878	71	949
10/28/2021	Van Buren	281	40	321
10/28/2021	Washtenaw	2095	99	2194
10/28/2021	Wayne	3756	385	4141
10/28/2021	Wexford	102	22	124
10/27/2021	Alcona	30	13	43
10/27/2021	Alger	7	0	7
10/27/2021	Allegan	280	69	349
10/27/2021	Alpena	102	14	116
10/27/2021	Antrim	59	7	66
10/27/2021	Arenac	54	16	70
10/27/2021	Baraga	2	1	3
10/27/2021	Barry	92	24	116
10/27/2021	Bay	447	90	537
10/27/2021	Benzie	42	4	46
10/27/2021	Berrien	477	69	546

10/27/2021	Branch	108	44	152
10/27/2021	Calhoun	467	66	533
10/27/2021	Cass	113	22	135
10/27/2021	Charlevoix	41	13	54
10/27/2021	Cheboygan	82	17	99
10/27/2021	Chippewa	68	6	74
10/27/2021	Clare	90	29	119
10/27/2021	Clinton	147	26	173
10/27/2021	Correctional	155	6	161
10/27/2021	Crawford	28	9	37
10/27/2021	Delta	118	25	143
10/27/2021	Detroit City	5333	226	5559
10/27/2021	Dickinson	91	6	97
10/27/2021	Eaton	345	53	398
10/27/2021	Emmet	65	11	76
10/27/2021	Genesee	1260	219	1479
10/27/2021	Gladwin	48	14	62
10/27/2021	Gogebic	47	6	53
10/27/2021	Grand Traverse	231	32	263
10/27/2021	Gratiot	257	37	294
10/27/2021	Hillsdale	102	33	135
10/27/2021	Houghton	309	71	380
10/27/2021	Huron	57	22	79
10/27/2021	Ingham	1028	106	1134
10/27/2021	Ionia	168	47	215
10/27/2021	Iosco	84	32	116
10/27/2021	Iron	50	5	55
10/27/2021	Isabella	279	52	331
10/27/2021	Jackson	580	124	704
10/27/2021	Kalamazoo	1185	113	1298
10/27/2021	Kalkaska	55	16	71
10/27/2021	Kent	2306	452	2758
10/27/2021	Keweenaw	8	3	11
10/27/2021	Lake	30	3	33
10/27/2021	Lapeer	208	37	245
10/27/2021	Leelanau	26	2	28
10/27/2021	Lenawee	491	93	584
10/27/2021	Livingston	539	82	621
10/27/2021	Luce	4	3	7
10/27/2021	Mackinac	77	5	82
10/27/2021	Macomb	2697	445	3142
10/27/2021	Manistee	53	6	59
10/27/2021	Marquette	195	29	224
10/27/2021	Mason	100	23	123
10/27/2021	Mecosta	93	26	119
10/27/2021	Menominee	131	17	148
10/27/2021	Midland	204	37	241
10/27/2021	Missaukee	44	10	54
10/27/2021	Monroe	512	74	586
10/27/2021	Montcalm	202	38	240

10/27/2021	Montmorency	29	12	41
10/27/2021	Muskegon	555	111	666
10/27/2021	Newaygo	121	28	149
10/27/2021	Oakland	4533	441	4974
10/27/2021	Oceana	85	20	105
10/27/2021	Ogemaw	44	14	58
10/27/2021	Ontonagon	19	2	21
10/27/2021	Osceola	104	22	126
10/27/2021	Oscoda	15	1	16
10/27/2021	Otsego	111	24	135
10/27/2021	Ottawa	830	202	1032
10/27/2021	Presque Isle	27	2	29
10/27/2021	Roscommon	65	16	81
10/27/2021	Saginaw	579	113	692
10/27/2021	Sanilac	119	21	140
10/27/2021	Schoolcraft	5	1	6
10/27/2021	Shiawassee	216	40	256
10/27/2021	St Clair	445	68	513
10/27/2021	St Joseph	147	39	186
10/27/2021	Tuscola	162	46	208
10/27/2021	Unknown	859	252	1111
10/27/2021	Van Buren	265	48	313
10/27/2021	Washtenaw	1673	97	1770
10/27/2021	Wayne	4294	482	4776
10/27/2021	Wexford	143	34	177